

AMENDMENTS TO THE CLAIMS

The claims listed below replace all prior versions and listings of claims in the application.

Please cancel Claims 1-5 and 8-11.

1. Cancelled.
2. Cancelled.
3. Cancelled.
4. Cancelled.
5. Cancelled.

6. (Currently Amended) An ink composition comprising a colorant and a polymeric binder wherein the polymeric binder is an emulsion-polymerized addition copolymer formed from a monomer mixture ~~comprising~~ consisting essentially of ethylenically unsaturated monomers including from more than 4 to 15 wt % based on the weight of said mixture of at least one ethylenically unsaturated carboxylic acid functional monomer, and from 0.05 to 5 wt % based on the weight of said mixture of at least one polymerizable surfactant monomer comprising hydrophobic and hydrophilic functional groups, wherein said hydrophilic functional group comprises a polymerizable group within it.

7. (Original) An ink composition as claimed in claim 6, wherein said ink composition is an ink jet ink.

8. Cancelled.
9. Cancelled.
10. Cancelled.
11. Cancelled.

12. (NEW) The ink composition as claimed in claim 7, wherein said hydrophilic functional group comprises within it a polymerizable group which is an ethylenically unsaturated amine cation.

13. (NEW) The ink composition as claimed in claim 12, wherein the polymerizable surfactant is selected from the group of polymerizable surfactant monomers consisting of allylammonium C₈-C₂₂ alkyl -12EO-phosphate; allylammonium C₈-C₂₂ alkyl -7EO-phosphate; allylammonium C₈-C₂₂ alkyl -3EO-phosphate; allylammonium linear-dodecyl benzene sulfonate; allylammonium lauryl-sulfate; allyl ammonium alkylether-sulfate; allyl ammonium salts of C₈ - C₂₂ carboxylic

acids; allyl ammonium salts of succinate ester surfactants and allyl ammonium salts of maleate ester surfactants.

14. (NEW)The ink composition as claimed in claim 7, wherein the acid functional monomer is one or more monomers selected from the group consisting of C₃to C₂₀ ethylenically unsaturated carboxylic acids, their basic salts, and mixtures of such monomers.

15. (NEW)The ink composition as claimed in claim 7, wherein said monomer mixture comprises one or more monomers selected from the group of monomers consisting of substituted (C₁ to C₅₀) alkyl (meth) acrylates, unsubstituted (C₁ to C₅₀) alkyl (meth) acrylates, styrene, substituted styrenes, vinyl acrylates, vinyl acetates, fluoromethacrylates, acrylamide, substituted acrylamides, methacrylamides and substituted methacrylamides.